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UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Angelo Mascarenhas)
Serial No.: 09/841,691)
Filed: April 24, 2001) Group Art Unit: Not Yet Accorded
Title: Isoelectronic Co-Doping) Examiner: Not Yet Accorded
Atty Dkt No.: NREL IR# 99-50)

RESPONSE TO NOTICE OF INCOMPLETE REPLY
(NONPROVISIONAL)

Assistant Commissioner for Patents
Washington, DC 20231

Attn: Customer Service Center,
Initial patent Examination Division

Dear Sir:

This correspondence is in response to a Notice of Incomplete Reply, dated July 19, 2001, wherein substitute drawings were required in compliance with 37 CFR § 1.84, because: drawing sheets do not have the appropriate margins.

In full compliance with the Notice of Incomplete Reply, Applicant submits ten new sheets of drawings comprising of Figures 1 through 13, wherein the margins have been corrected to meet the requirement of 37 CFR 1.84.

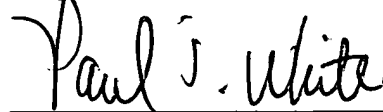
09/841,691

S.N. 09/841,691

Page 2

A copy of Part 2 - Notice of Incomplete Reply (NonProvisional) is also enclosed as requested.

Respectfully submitted,



Paul J. White, Reg. No. 30,346
Attorney for Applicant

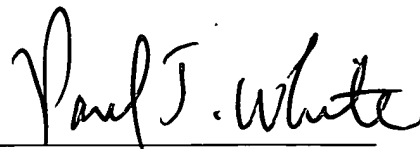
Dated: July 27, 2001.

Enclosure: As stated above.

National Renewable Energy Laboratory
1617 Cole Blvd.
Golden, CO 80401
303/384-7575

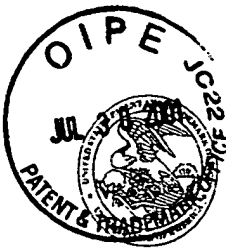
CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that the foregoing Response to Notice of Incomplete Reply and 10 sheets of drawings comprising of Figures 1-13 are being deposited with the United States Postal Service as first-class mail, postage prepaid, in an envelope addressed to: The Assistant Commissioner for Patents, Customer Service Center, Washington, DC 20231, on this 27th day of July 2001.



Paul J. White
Attorney for Applicant

0941691-0300
FILED JUL 27 2001



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UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
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| 09/841,691 | 04/24/2001 | Angelo Mascarenhas | NREL 99-50 |

23712
PAUL J WHITE, SENIOR COUNSEL
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CONFIRMATION NO. 4372

FORMALITIES LETTER



OC00000006314847

Date Mailed: 07/19/2001

NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on to the Notice mailed and it has been entered into the nonprovisional application. The reply, however, doesnot include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE